



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
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Report No. SAT-01685

Friday December 9, 2022

## Satellite Policy Branch Information Space Station Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-ASG-20221109-00156**      E      Telesat Canada  
Date Filed: 11/09/2022 10:01:23:39300  
Assignment  
**Current Licensee:** SES Americom, Inc.  
**FROM:** SES AMERICOM, INC.  
**TO:** Telesat Canada

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**SAT-LOA-20221009-00131**      E S3154      Momentum Space LLC  
Date Filed: 10/09/2022 18:01:36:72000  
Launch and Operating Authority

Momentum Space LLC requests authority to deploy and operate, for a period of up to 250 days, one non-geostationary orbit spacecraft, the Vigoride-6, that would deploy eight customer satellites. The Vigoride-6 would operate in the 8025-8400 MHz (space-to-Earth), 2025-2110 MHz (Earth-to-space), and 400.15-401 MHz (space-to-Earth) frequency bands for Space Operations using the follow center frequencies: 8200 MHz with a maximum bandwidth of 1 MHz, 2075 MHz with a maximum bandwidth of 0.1 MHz, and 400.5 MHz with a bandwidth of 20 kHz. The spacecraft would be deployed into a sun-synchronous orbit between 480 kilometers and 520 kilometers (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 97 degree ( $< 1\%$ ) inclination, where it would conduct a series of maneuvers resulting in minor inclination changes. VR-6 would then conduct additional maneuvers as follows: to sun-synchronous orbit at 495 kilometers altitude (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 96 degree ( $< 1\%$ ) inclination where customer satellites will be deployed; to a sun-synchronous orbit at a maximum of 547 kilometers altitude (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 96 degree ( $< 1\%$ ) inclination for 30 days to test propulsion system capabilities before returning to a sun-synchronous orbit at 495 kilometers altitude (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 96 degree ( $< 1\%$ ) inclination; to a sun-synchronous orbit at a maximum of 515 kilometers (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 96 degree ( $< 1\%$ ) inclination for five days before returning to a sun-synchronous orbit at 495 kilometers (apogee  $\pm 1$  kilometer, perigee  $\pm 200$  meters) with approximately 96 degree ( $< 1\%$ ) inclination; and finally to an elliptical orbit with a perigee of 350 kilometers ( $\pm 200$  meters) and an apogee of 410 kilometers ( $\pm 1$  kilometer) at approximately 98 degree ( $< 1\%$ ) inclination. In connection with its request, Momentum seeks waiver of the U.S. Table of Frequency Allocations, section 2.106 of the Commission's rules, and waiver of sections 25.156, 25.157, 25.164, and 25.165 of the Commission's rules.

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For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.